

In the claims:

Please amend claims 1, 10 and 21 to read as follows;

- 1.(Currently Amended) A device for monitoring plasma comprising:
at least one layer of polymer, having incorporated therein
- a) an indicator capable of undergoing at least one color change
 - b) an activator for said indicator wherein said activator, when contacted with said plasma, undergoes a reaction wherein the product of said reaction causes said indicator to undergo said color change.

10.(Currently Amended) The device of Claim 1 wherein said polymer is a polymer of acrylate, acrylic acid, acrylamide, vinyl acetate, vinyl alcohol, vinyl chloride, styrene, polyurethanes, cellulose nitrate, carboxymethyl cellulose or a mixture thereof.

21.(Currently Amended) The device of claim 1 wherein said activator is a salt of an amine and an organic or inorganic acid .

Please add new claims 42-49 reading as follows:

- 42.(New) A device for monitoring hydrogen peroxide plasma comprising:
at least one layer of polymer, having incorporated therein
- a) an indicator capable of undergoing at least one color change
- an activator for said indicator wherein said activator, when contacted with said plasma, undergoes a reaction wherein the product of said reaction causes said indicator to undergo said color change.

43.(New) The device of claim 42 wherein said polymer is soluble in water or is water dispersible.

44.(New) The device of claim 43 wherein said polymer is a water soluble or water dispersable homopolymer, or a copolymer or a mixture thereof.

45.(New) The device of Claim 43 wherein said polymer is a polymer of acrylate, acrylic acid, acrylamide, vinyl acetate, vinyl alcohol, vinyl chloride, styrene, polyurethanes, cellulose nitrate, carboxymethyl cellulose or a mixture thereof.

46.(New) The device of claim 45 wherein the polymer is an acrylate polymer.

47.(New) The device of claim 45 wherein the polymer is cellulose nitrate or carboxymethylcellulose.

48.(New) A process of making a device of claim 42 which comprises dissolving or dispersing the components thereof in a solvent therefor, applying the thus formed solution or dispersate to a substrate and permitting the solvent to evaporate.

49.(New) A process of using a device of claim 42 for monitoring sterilization of materials comprising the steps of

- a) affixing the device to said materials or containers containing same
- b) carrying out the process of sterilization including the step of introducing hydrogen peroxide plasma into a vessel containing said materials or containers therefore and
- c) observing the presence of a color change of said device.